

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087394.D
 Acq On : 22 Jul 2025 17:07
 Operator : JC\MD
 Sample : Q2669-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (JUNE)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
 Supervised By :Semsettin Yesilyurt 07/23/2025

Quant Time: Jul 23 05:57:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.794	128	23359	30.000	ug/l	-0.03
28) 1,4-Difluorobenzene	9.088	114	108192	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	106953	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	60290	34.256	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.200%#			
60) 4-Bromofluorobenzene	12.829	95	44373	26.886	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.633%			
63) Toluene-d8	10.547	98	132585	27.609	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 92.033%			
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	97543	323.000	ug/l #	67
30) 2-Butanone	7.477	43	58085	51.063	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	11898	5.534	ug/l #	88
62) Toluene	10.612	91	4944966	818.631	ug/l	99
66) Ethyl Benzene	11.941	91	3495m	0.529	ug/l	
67) m/p-Xylenes	12.053	106	2663	1.051	ug/l	96
68) o-Xylene	12.388	106	1134m	0.469	ug/l	
80) 1,2,4-Trimethylbenzene	13.464	105	4193	0.852	ug/l	86
82) p-Isopropyltoluene	13.706	119	56929	11.423	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

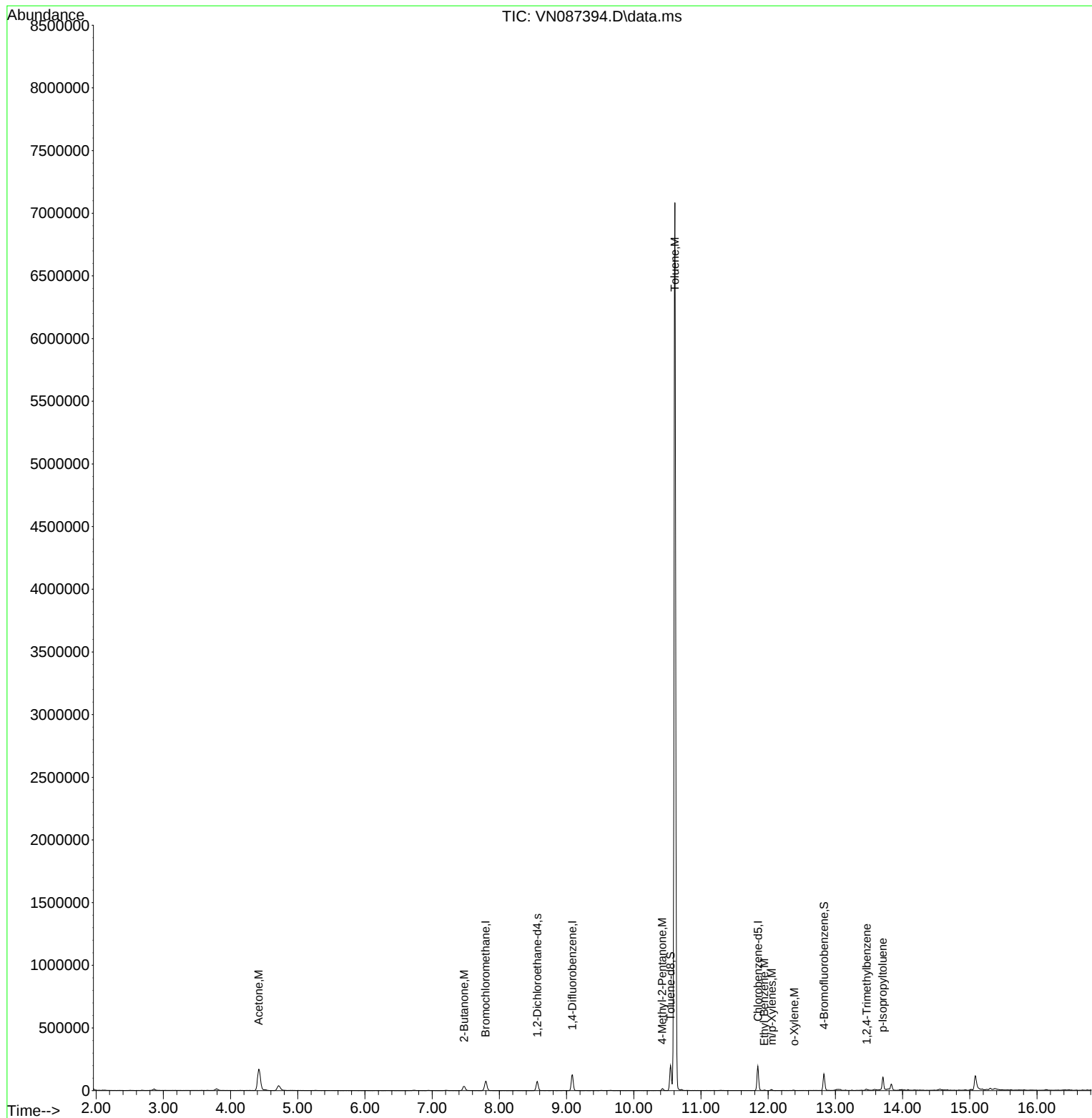
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087394.D
Acq On : 22 Jul 2025 17:07
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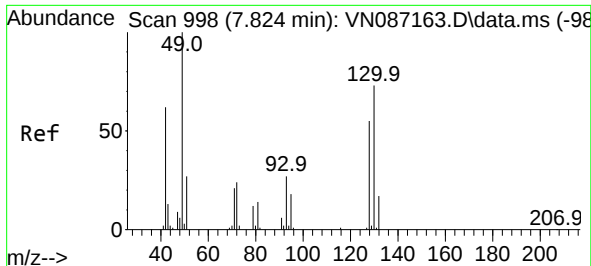
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/23/2025

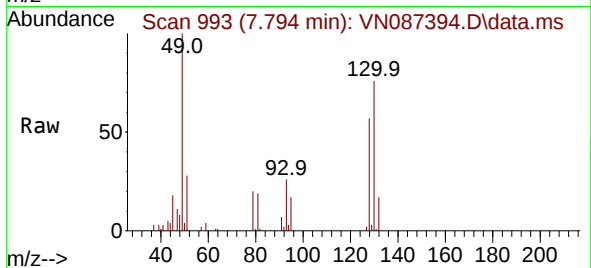
Quant Time: Jul 23 05:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.030 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

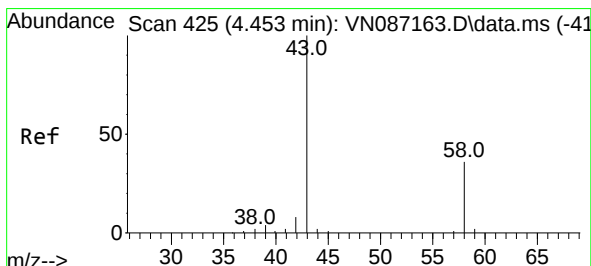
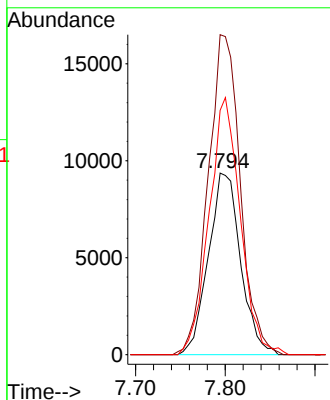
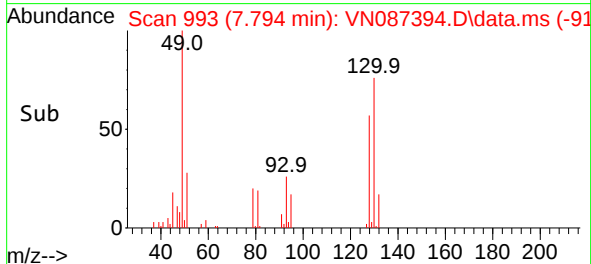
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)



Tgt Ion:128 Resp: 2335
Ion Ratio Lower Upper
128 100
49 175.4 0.0 450.5
130 137.4 0.0 320.7

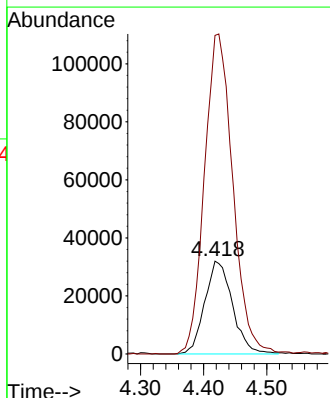
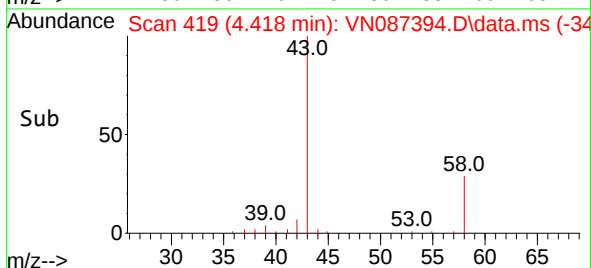
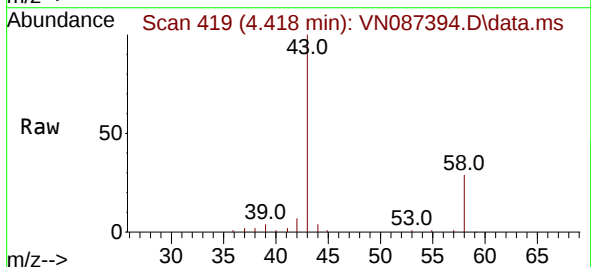
Manual Integrations
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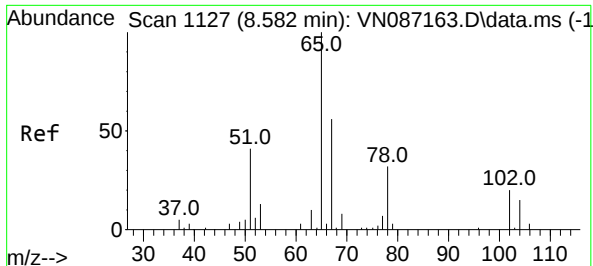
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#15
Acetone
Concen: 323.000 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.035 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 58 Resp: 97543
Ion Ratio Lower Upper
58 100
43 342.4 224.3 336.5#





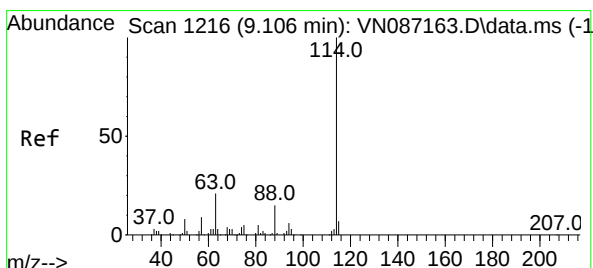
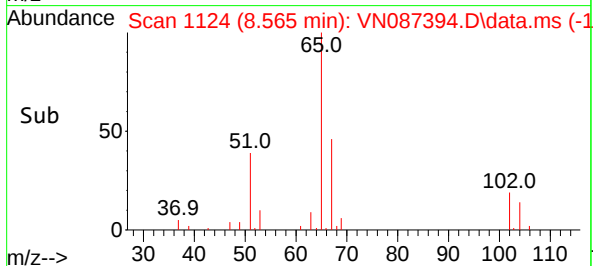
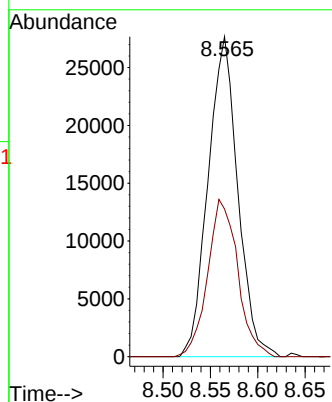
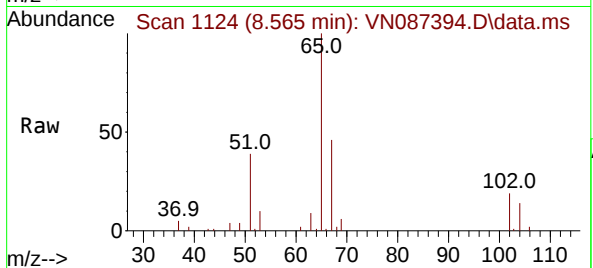
#27
1,2-Dichloroethane-d4
Concen: 34.256 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Tgt Ion: 65 Resp: 60290
Ion Ratio Lower Upper
65 100
67 49.8 41.9 62.9

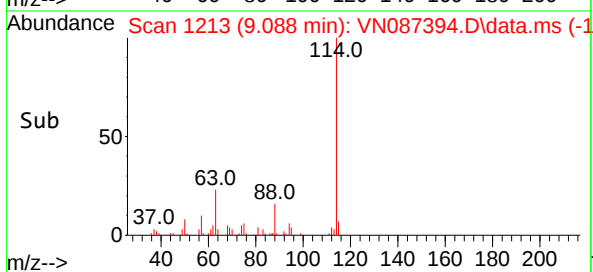
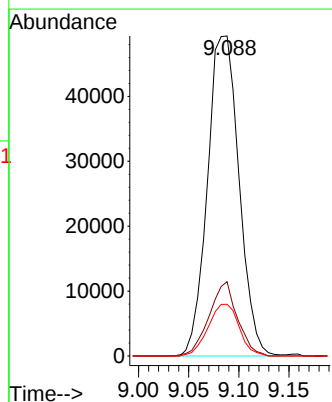
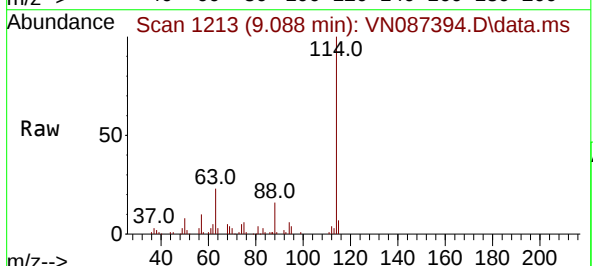
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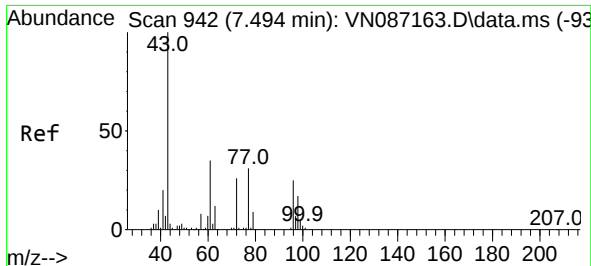
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

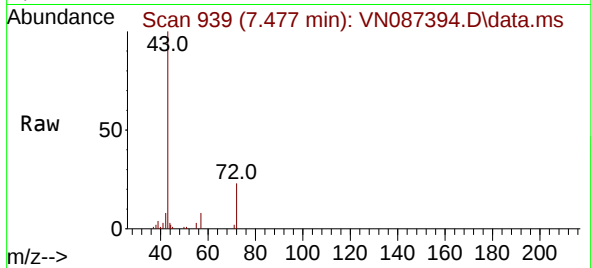
Tgt Ion:114 Resp: 108192
Ion Ratio Lower Upper
114 100
63 20.8 17.0 25.4
88 15.8 12.6 19.0





#30
2-Butanone
Concen: 51.063 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

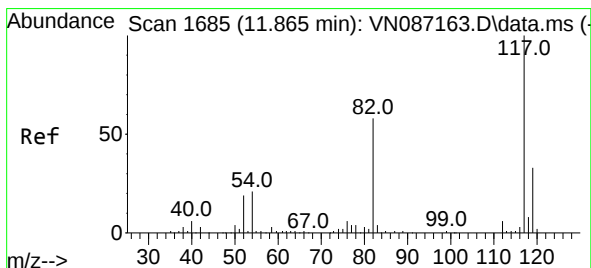
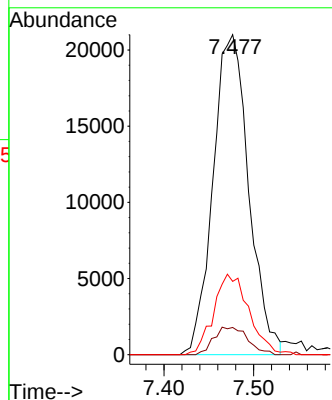
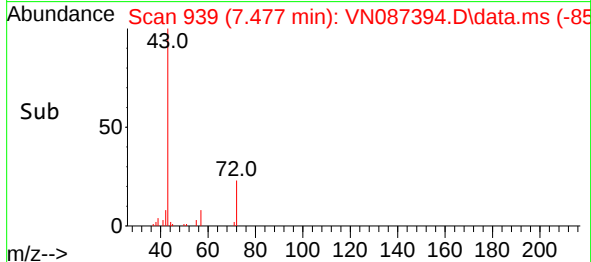
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)



Tgt Ion: 43 Resp: 5808
Ion Ratio Lower Upper
43 100
57 8.2 6.3 9.5
72 24.7 21.8 32.6

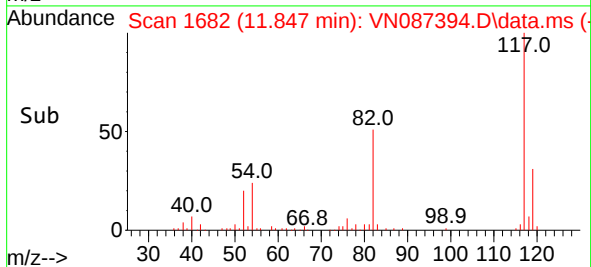
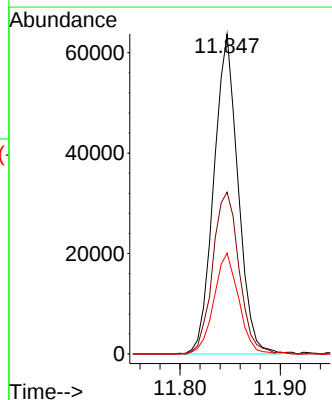
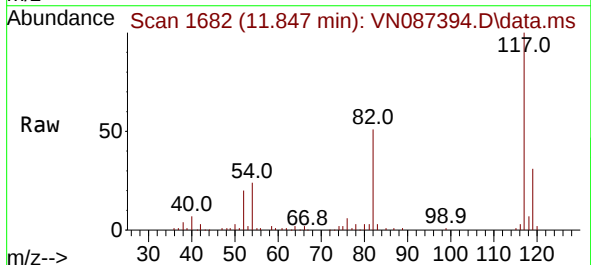
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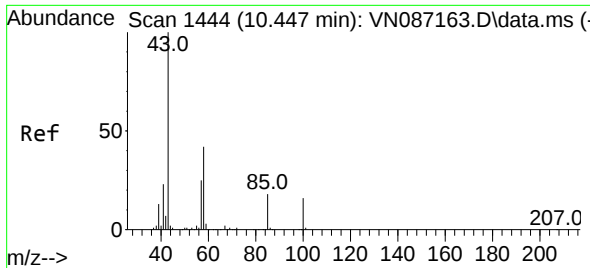
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

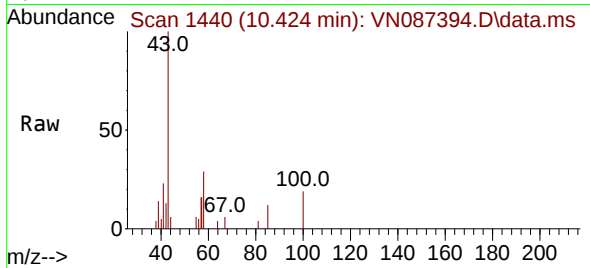
Tgt Ion:117 Resp: 106953
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.1 26.2 39.4





#58
4-Methyl-2-Pentanone
Concen: 5.534 ug/l
RT: 10.424 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

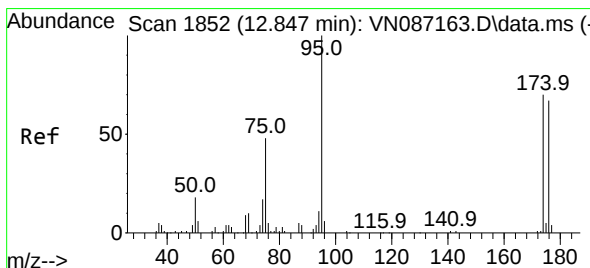
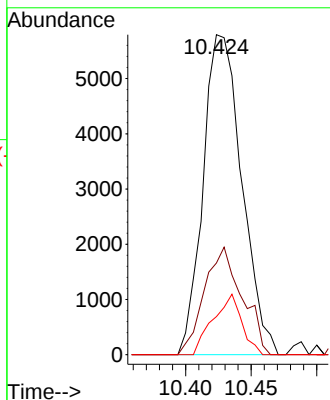
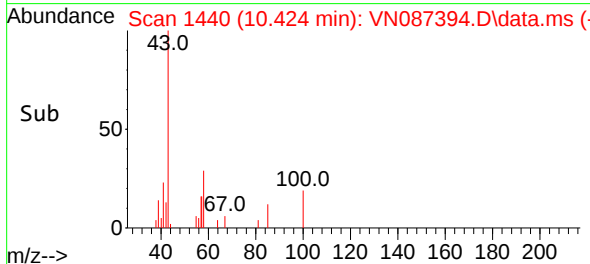
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)



Tgt Ion: 43 Resp: 11898
Ion Ratio Lower Upper
43 100
58 32.9 32.6 49.0
85 14.0 14.6 22.0

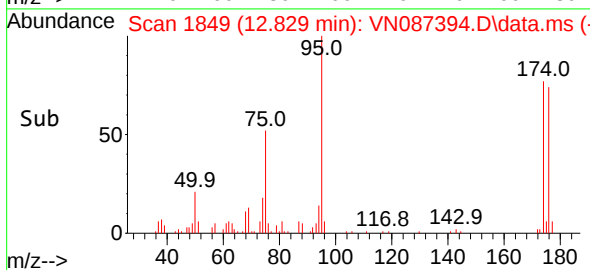
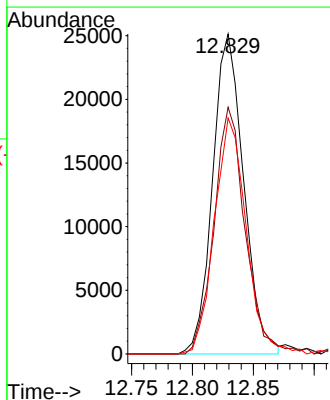
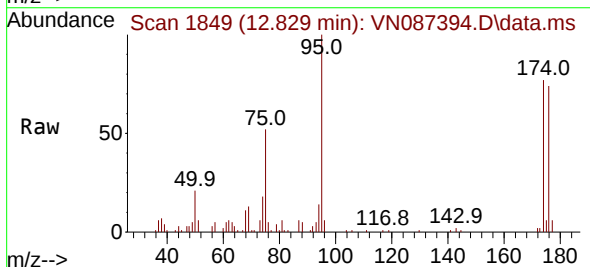
Manual Integrations
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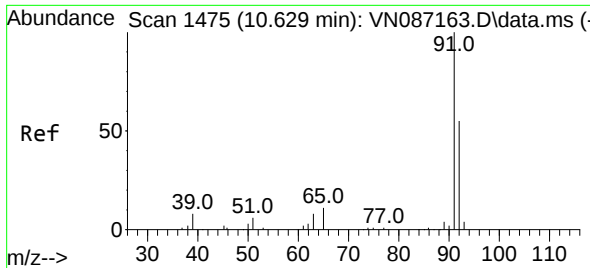
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#60
4-Bromofluorobenzene
Concen: 26.886 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

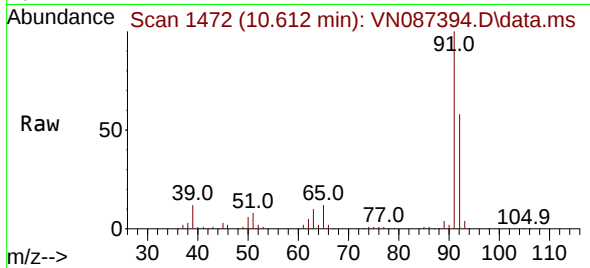
Tgt Ion: 95 Resp: 44373
Ion Ratio Lower Upper
95 100
174 77.7 54.5 81.7
176 76.0 51.9 77.9





#62
Toluene
Concen: 818.631 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

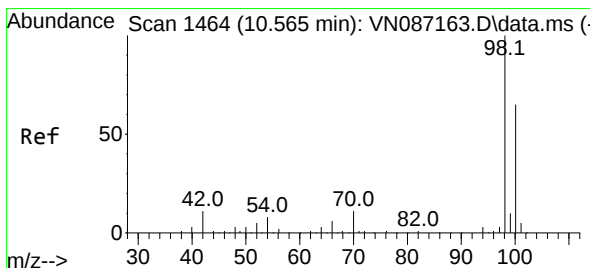
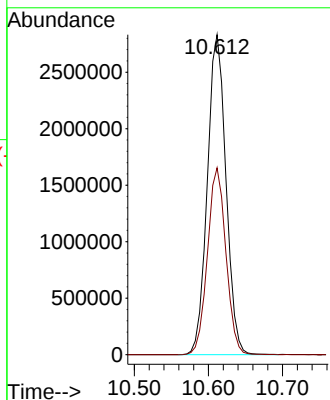
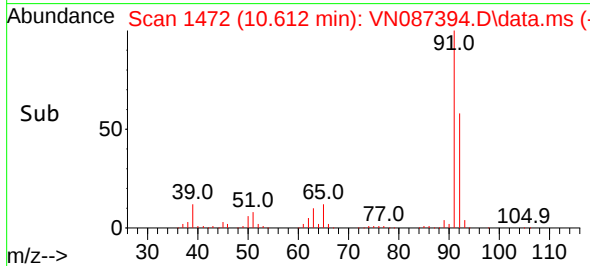
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)



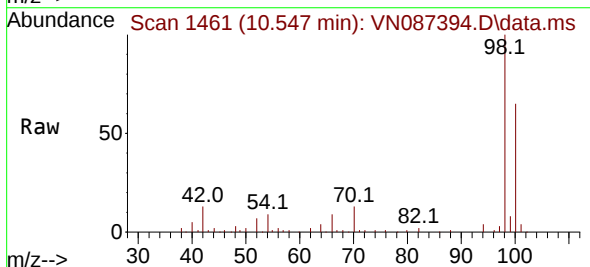
Tgt Ion: 91 Resp: 4944960
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.8

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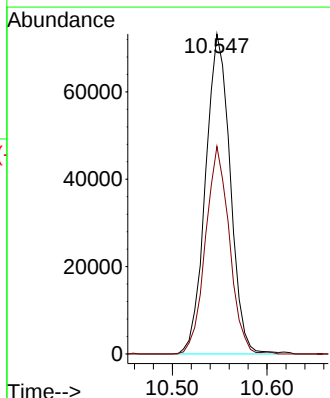
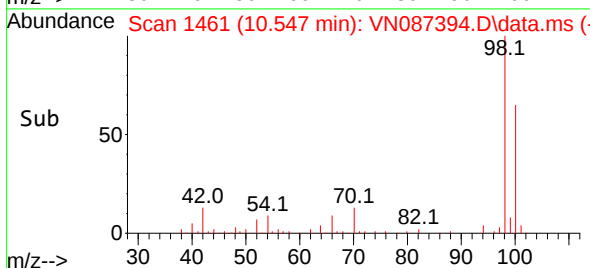
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

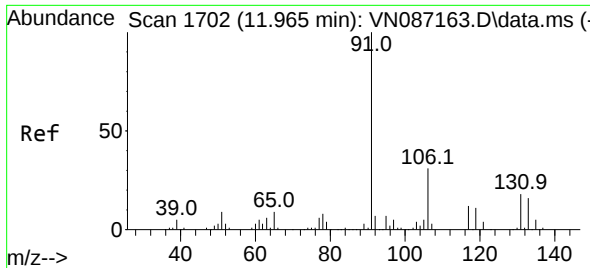


#63
Toluene-d8
Concen: 27.609 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07



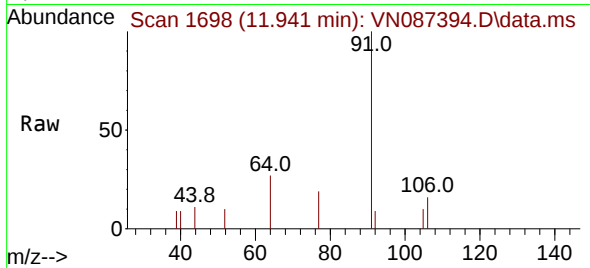
Tgt Ion: 98 Resp: 132585
Ion Ratio Lower Upper
98 100
100 62.9 52.5 78.7





#66
Ethyl Benzene
Concen: 0.529 ug/l m
RT: 11.941 min Scan# 1194
Delta R.T. -0.024 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

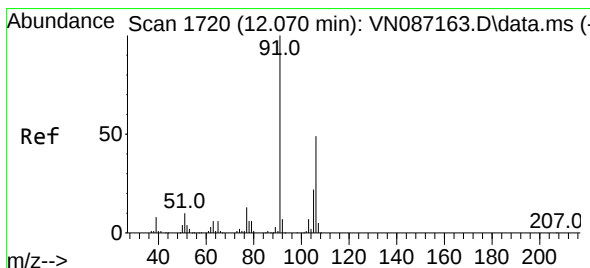
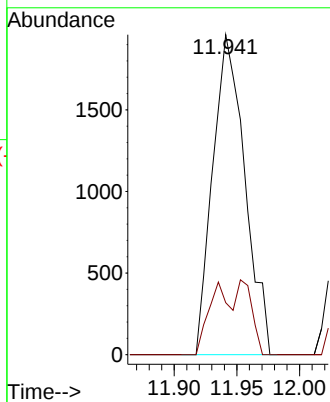
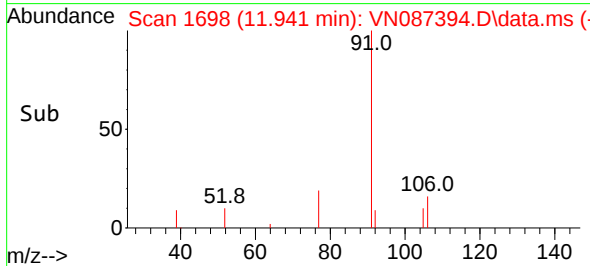
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)



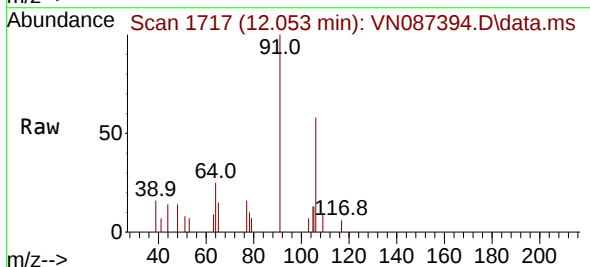
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Ion Ratio Lower Upper
91 100
106 16.3 24.8 37.2

Manual Integrations
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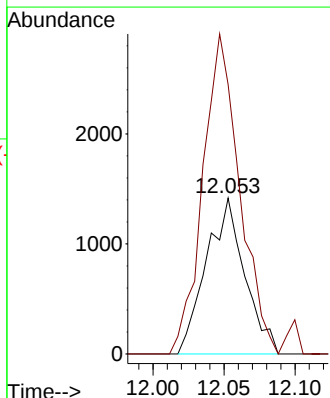
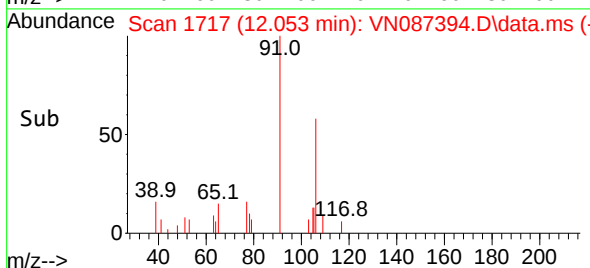
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

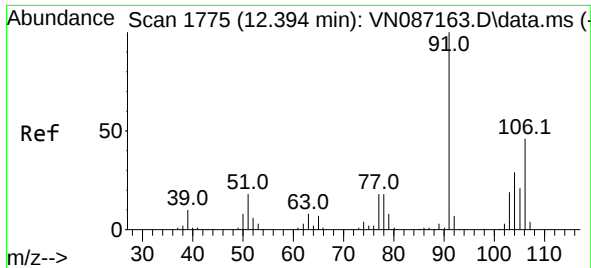


#67
m/p-Xylenes
Concen: 1.051 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07



Tgt Ion:106 Resp: 2663
Ion Ratio Lower Upper
106 100
91 197.2 163.0 244.4





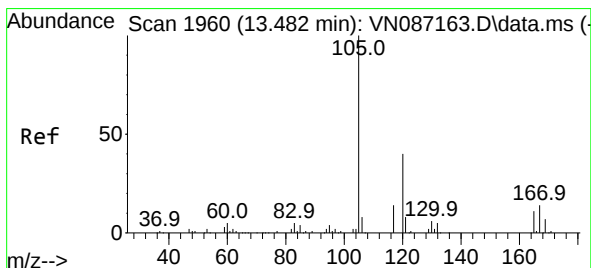
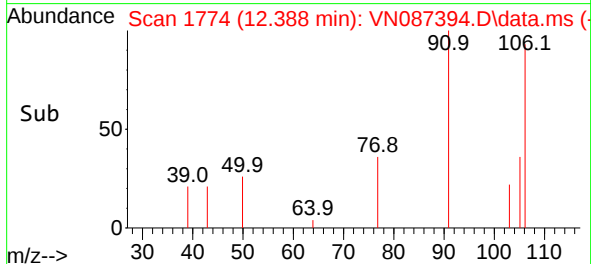
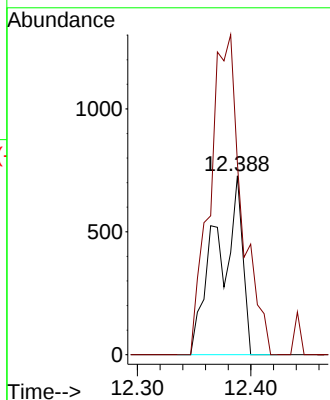
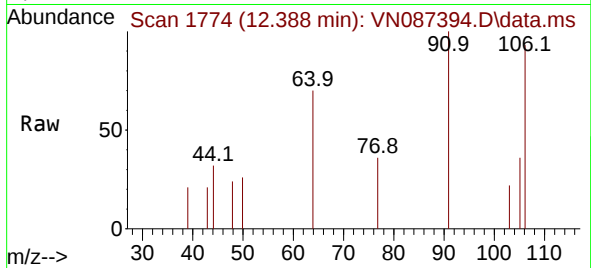
#68
o-Xylene
Concen: 0.469 ug/l m
RT: 12.388 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Tgt Ion:106 Resp: 1134
Ion Ratio Lower Upper
106 100
91 463.1 107.1 321.1

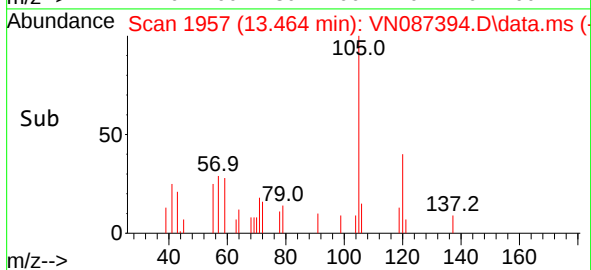
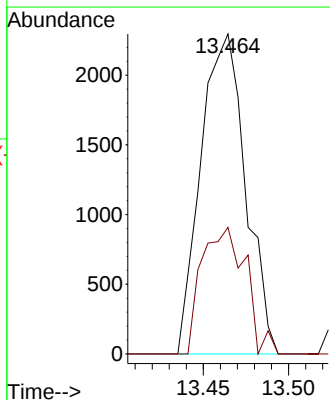
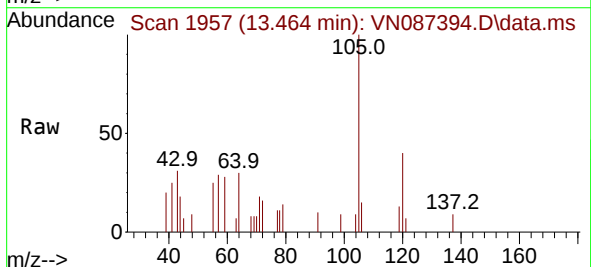
Manual Integrations
APPROVED

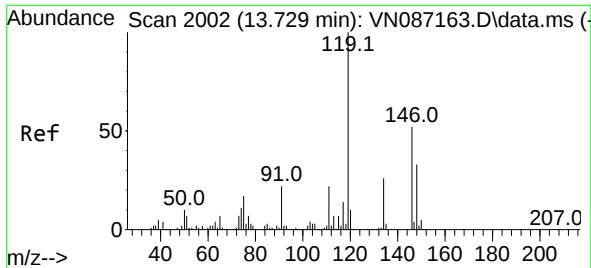
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#80
1,2,4-Trimethylbenzene
Concen: 0.852 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

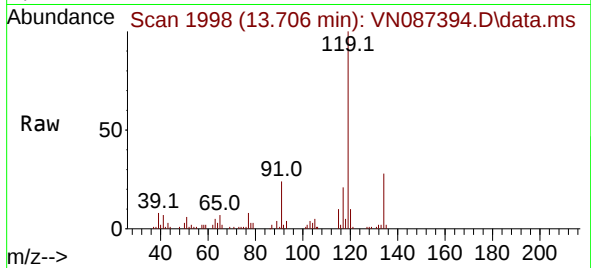
Tgt Ion:105 Resp: 4193
Ion Ratio Lower Upper
105 100
120 37.3 0.0 94.0





#82
 p-Isopropyltoluene
 Concen: 11.423 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.024 min
 Lab File: VN087394.D
 Acq: 22 Jul 2025 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (JUNE)



Tgt Ion:119	Resp:	56929
Ion Ratio	Lower	Upper
119	100	
134	27.4	0.0 51.2
91	26.4	0.0 46.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
 Supervised By :Semsettin Yesilyurt 07/23/2025

